



## RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number:

Source:

Date Processed by STIC:

10/725,080  
IFWO  
3/12/04

**THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.**

**PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:**

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- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

**FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT**

**MARK SPENCER, TELEPHONE: 703-308-4212; FAX: 703-308-4221**

*Effective 12/13/03: TELEPHONE: 571-272-2510; FAX: 571-273-0221*

**TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER  
VERSION 4.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND  
TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS.**

**<http://www.uspto.gov/web/offices/pac/checker/chkr41note.htm>**

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/efb/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313 1450
3. Hand Carry directly to (EFFECTIVE 12/01/03):  
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 10/08/03



IFWO

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/725,080

DATE: 03/12/2004

TIME: 15:07:13

Input Set : A:\100337.54074US.ST25.txt

Output Set: N:\CRF4\03122004\J725080.raw

3 <110> APPLICANT: Zoller, Mark  
 4 Staszewski, Lena  
 5 O'Connell, Shawn  
 6 Zozulya, Sergey  
 7 Adler, Jon  
 8 Xu, Hong  
 9 Echeverri, Fernando  
 10 Li, Xiadong  
 12 <120> TITLE OF INVENTION: T1R HETERO-OLIGOMERIC TASTE RECEPTORS AND CELL LINES THAT  
 EXPRESS  
 13 SAID RECEPTORS AND USE THEREOF FOR IDENTIFICATION OF TASTE  
 14 COMPOUNDS  
 16 <130> FILE REFERENCE: 100337.54074US  
 C--> 18 <140> CURRENT APPLICATION NUMBER: US/10/725,080  
 C--> 19 <141> CURRENT FILING DATE: 2003-12-02  
 21 <150> PRIOR APPLICATION NUMBER: 60/300,434  
 22 <151> PRIOR FILING DATE: 2001-06-26  
 24 <150> PRIOR APPLICATION NUMBER: 60/304,749  
 25 <151> PRIOR FILING DATE: 2001-07-13  
 27 <150> PRIOR APPLICATION NUMBER: 60/310,493  
 28 <151> PRIOR FILING DATE: 2001-08-08  
 30 <150> PRIOR APPLICATION NUMBER: 60/331,771  
 31 <151> PRIOR FILING DATE: 2001-11-21  
 33 <150> PRIOR APPLICATION NUMBER: 60/339,472  
 34 <151> PRIOR FILING DATE: 2001-12-14  
 36 <150> PRIOR APPLICATION NUMBER: 60/372,090  
 37 <151> PRIOR FILING DATE: 2002-04-15  
 39 <150> PRIOR APPLICATION NUMBER: 60/374,143  
 40 <151> PRIOR FILING DATE: 2002-04-22  
 42 <160> NUMBER OF SEQ ID NOS: 19  
 44 <170> SOFTWARE: PatentIn version 3.2

Does Not Comply  
 Corrected Diskette Needed  
 (Pg. 1-2)

## ERRORED SEQUENCES

1074 <210> SEQ ID NO: 8  
 1075 <211> LENGTH: 2100 - Found 2526  
 1076 <212> TYPE: DNA  
 1077 <213> ORGANISM: Homo sapiens  
 1079 <400> SEQUENCE: 8  
 1080 atgctgctct gcaaggctcg cctggctggc ctgcagcttc tcatttctctg ctgctgggcc 60  
 1082 tttgctgccc atagcacgga gtcttctctt gacttcaccc tccccggaga ttacctctg 120  
 1084 gcaggcctgt tccctctcca ttctggctgt ctgcaggtga ggcacagacc cgaggtgacc 180  
 1086 ctgtgtgaca ggtctttag ctccaatgag catggctacc acctcttcca ggctatgcgg 240

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1090	cagctgtatg	atgtgtgttc	tgactctgcc	aatgtgtatg	ccacgctgag	agtgtctctcc	360
1092	ctgccagggc	aacaccacat	agagctccaa	ggagaccttc	tccactattc	ccctacggtg	420
1094	ctggcagtg	ttgggcctga	cagcaccaac	cgtgctgcca	ccacagccgc	cctgctgagc	480
1096	cctttcctgg	tgcccatgat	tagctatgcg	gccagcagcg	agacgctcag	cgtgaagcgg	540
1098	cagtatccct	cctttcctgcg	caccatcccc	aatgacaagt	accaggtgga	gaccatgggtg	600
1100	ctgctgctgc	agaagttcgg	gtggacctgg	atctctctgg	ttggcagcag	tgacgactat	660
1102	gggcagctag	gggtgcaggc	actggagaac	caggccactg	gtcaggggat	ctgcattgct	720
1104	ttcaaggaca	tcatgccctt	ctctgcccag	gtgggcatg	agaggatgca	gtgcctcatg	780
1106	cgccacctgg	cccaggcccg	ggccaccgtc	gtggttgttt	tttccagccg	gcagttggcc	840
1108	aggggtgttt	tgcagtcctg	ggtgctgacc	aacctgactg	gcaagggtgtg	ggtcgccctca	900
1110	gaagcctggg	ctctgcccag	gcacatcact	ggggtgcccg	ggatccagcg	cattgggatg	960
1112	gtgctgggcg	tggccatcca	gaagagggct	gtccctggcc	tgaaggcggt	tgaagaagcc	1020
1114	tatgcccggg	cagacaagaa	ggcccttagg	ccttgccaca	agggctcctg	gtgcagcagc	1080
1116	aatcagctct	gcagagaatg	ccaagctttc	atggcacaca	cgatgcccaa	gtctaaagcc	1140
1118	ttctccatga	gttctgccta	caacgcatac	cgggctgtgt	atgcggtggc	ccatggcctc	1200
1120	ccacagccgc	tgggctgtgc	ctctggagct	tgttccaggg	gccgagtcta	cccctggcag	1260
1122	ccttttgagc	agatccacaa	ggtgcatttc	cttctacaca	aggacactgt	ggcgtttaat	1320
1124	gacaacagag	atccctcag	tagctataac	ataattgcct	gggactggaa	tggacccaag	1380
1126	tggaccttca	cggctcctcg	ttcctccaca	tggctctccag	ttcagctaaa	cataaatgag	1440
1128	acaaaaatcc	agtggcacgg	aaaggacaac	caggtgccta	agtctgtgtg	ttccagcgac	1500
1130	tgtcttgaag	ggcaccagcg	agtggttacg	ggtttccatc	actgctgctt	tgagtgtgtg	1560
1132	ccctgtgggg	ctgggacctt	cctcaacaag	agtgcctctc	acagatgcca	gccttgtggg	1620
1134	aaagaagagt	gggaagccag	gggaagccag	acctgcttcc	cgcgcactgt	ggtgtttttg	1680
1136	gctttgctg	agcacacctc	ttgggtgctg	ctggcagcta	acacgctgct	gctgctgctg	1740
1138	ctgcttggga	ctgctggcct	gtttgcctgg	cacctagaca	cccctgtggt	gaggtcagca	1800
1140	gggggcccgc	tgtgctttct	tatgctgggc	tccctggcag	caggtagtgg	cagcctctat	1860
1142	ggcttctttg	gggaaccac	aaggcctgcg	tgcttgetac	gccagggcct	ccttgcctt	1920
1144	ggtttcacca	tcttctgtc	ctgcctgaca	gttctgetat	tccaactaat	catcatcttc	1980
1146	aagttttcca	ccaaggtacc	tacattctac	cacgcctggg	tccaaaacca	cgggtgctggc	2040
1148	ctgtttgtga	tgatcagctc	agcggcccag	ctgcttatct	gtctaacttg	gctgggtggtg	2100
1150	tggacccac	tgccctgctag	ggaataccag	cgttccccc	atctggtgat	gcttgagtgc	2160
1152	acagagacca	actcctggg	cttcatactg	gccttctctc	acaatggcct	cctctccatc	2220
1154	agtgcctttg	cctgcagcta	cctgggtaag	gacttgccag	agaactacaa	cgaggccaaa	2280
1156	tgtgtcacct	tcagcctgct	cttcaacttc	gtgtcctgga	tgccttctt	caccacggcc	2340
1158	agcgtctacg	acggcaagta	cctgcctgcg	gccaacatga	tggctgggct	gagcagcctg	2400
1160	agcagcggt	tcggtgggta	ttttctgcct	aagtgetacg	tgatcctctg	ccgccagac	2460
1162	ctcaacagca	cagagcactt	ccaggcctcc	attcaggact	acacgaggcg	ctgcggctcc	2520

E--&gt; 1164 acctga

Insert  
indentation

2526

RAW SEQUENCE LISTING ERROR SUMMARY  
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Input Set : A:\100337.54074US.ST25.txt  
Output Set: N:\CRF4\03122004\J725080.raw

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,  
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2

## VERIFICATION SUMMARY

DATE: 03/12/2004

PATENT APPLICATION: US/10/725,080

TIME: 15:07:14

Input Set : A:\100337.54074US.ST25.txt

Output Set: N:\CRF4\03122004\J725080.raw

L:18 M:270 C: Current Application Number differs, Replaced Current Application Number  
L:19 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:116 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0  
L:181 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0  
L:1164 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:2526 SEQ:8 ✓  
L:1164 M:252 E: No. of Seq. differs, <211> LENGTH:Input:2100 Found:2526 SEQ:8 ✓  
L:1528 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:112  
L:1688 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:0  
M:341 Repeated in SeqNo=15